

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: U-019837	6. SURFACE: Indian
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Miller, Dyer & Co., LLC				9. WELL NAME and NUMBER: Ute Tribal 7-30-14-20	
3. ADDRESS OF OPERATOR: 475 17th St Suite 1200 CITY Denver STATE CO ZIP 80202			PHONE NUMBER: (303) 292-0949	10. FIELD AND POOL, OR WILDCAT: Flat Rock	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1549 FNL 1738 FEL <i>610220X</i> <i>39.573299</i> AT PROPOSED PRODUCING ZONE: SAME <i>43809764</i> <i>-109.716761</i>				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 30 14S 20E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: See Topo Map "A" (Attached)				12. COUNTY: Utah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1549		16. NUMBER OF ACRES IN LEASE: 627.84		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1394		19. PROPOSED DEPTH: 12,500		20. BOND DESCRIPTION: RLB0008085	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7461 GR		22. APPROXIMATE DATE WORK WILL START: 3/1/2008		23. ESTIMATED DURATION: 40 Days	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
26"	20" Conduct <input checked="" type="checkbox"/> .250" Wall	40	Ready Mix to Surface		
12-1/4"	9-5/8" J-55 36#	3,300	Class G & Prem Lite	727 sacks	1.17 & 3.38 11 & 15.8
8-3/4"	5-1/2" N80/P110 17#	12,500	Class G & Prem Lite	1254 sacks	1.65 & 3.15 14.4-11.2-1 <input checked="" type="checkbox"/>

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) <u>Jeff Lang</u>	TITLE <u>Vice President of Operations</u>
SIGNATURE <u></u>	DATE <u>9/27/07</u>

(This space for State use only)

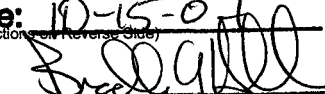
API NUMBER ASSIGNED: 43-04739667

**Approved by the
Utah Division of
Oil, Gas and Mining**
APPROVAL:

RECEIVED
SEP 28 2007

DIV. OF OIL, GAS & MINING

*Federal Approval of this
Action is Necessary*

Date: 10-15-07
(See Instructions on Reverse Side)
By: 

DATE SURVEYED: 08-22-07	SURVEYED BY: B.J.S.	SHEET 2 OF 10
DATE DRAWN: 08-23-07	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

**DRILLING PLAN
MILLER, DYER & CO. LLC**

**Ute Tribal #7-30-14-20
SWNE Section 30 T14S-R20E**

1. 1. Estimated Formation Tops

<u>Estimated Formation Tops:</u>	<u>MD</u>
Green River	Surface
Wasatch	2,314'
Base High Resistivity	3,321'
Mesaverde	4,469'
Castlegate Sandstone	6,307'
Mancos Shale	6,591'
Dakota Sandstone	10,654'
Cedar Mountain	10,809'
Morrison	11,035'
Curtis	11,562'
Entrada Sandstone	11,641'
Carmel	11,971'
Wingate	12,120'
TD	12,500'

2. Estimated Depth and Thickness of Zones

Tops	MD	Thickness	Anticipated Formation Contents
Wasatch	2,314		Oil and/or gas anticipated > 3,000'
		1000	
Mesaverde	4,469	500	Gas
Castlegate Sandstone	6,307	300	Gas
Dakota Sandstone	10,654	150	Gas
Cedar Mountain	10,809	200	Gas
Morrison	11,035	300	Gas
Entrada Sandstone	11,641	300	Gas
Wingate	12,120	500	Gas

3. Pressure Control Equipment

Schematic attached (Attachment "A")

Blow Out Preventer (BOP) will be equipped as follows:

- A. Type: Eleven (11) inch double gate hydraulic 3,000 psi BOP plus a 3000 psi annular preventer mounted on a 3,000 psi casinghead.
- a. One set of blind rams (above)
 - b. One set of pipe rams (below)
 - c. Appropriate fill, kill and choke lines will be 3,000 psi working pressure

Note: The calculation of maximum anticipated surface pressure is detailed in Section 7. This calculation is based on the maximum anticipated bottom-hole pressure and a partially evacuated hole. According to this calculation, a 3000 psi BOP and annular preventer will be sufficient to drill this well safely. However, depending on the actual rig contracted for this well, a 5000 psi system may come with the rig. If so, all testing will be done to 5000 psi specifications.

B. Auxiliary Equipment:

Auxiliary equipment to include upper Kelly cock with a handle, a floor safety valve with subs to fit all drill string connections in use, and a string float valve.

C. Pressure Rating: 3,000 psi WP

D. Testing Procedure:

Hydraulic Ram-Type BOP

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack of 3,000 psi. This pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1) when the BOP is initially installed,
- 2) whenever any seal subject to test pressure is broken,
- 3) following related repairs, and
- 4) at thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but no more than once each day.

E. Choke Manifold Equipment:

All choke lines will be straight lines; turns will use tee blocks, or targeted running tees, and will be anchored to prevent whip and vibration. The manifold will have two (2) manual chokes and a pressure gauge.

F. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically controlled choke line valve, if so equipped, close all rams plus the annular

BOP, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity, and the fluid level of the reservoir will be maintained to the manufacturer's recommendations.

G. Miscellaneous Information:

The choke manifold and BOP ram extensions rods with hand wheels will be located outside the rig substructure. The hydraulic BOP closing unit will be located at least 25 feet from the well head, but readily accessible to the driller. Exact location and configuration of the hydraulic BOP closing unit will depend on the layout of the particular rig contracted to drill this well.

A flare line will be installed from the choke manifold to a flare pit, extending a minimum of 100 feet from the center of the drill hole.

The BOP and related pressure control equipment will be installed, tested and maintained in compliance with the specifications and requirements of the Onshore Oil and Gas Order Number 2.

Auxiliary Equipment

- a. Kelly cock – Yes
- b. Float sub at bit – No
- c. Mud logger & instrumentation – Yes
- d. Full-opening safety valve on rig floor – Yes
- e. Rotating head – No

4. Casing Program

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.	Thread
Conductor	40'	26"	20"	Conductor	0.250" wall	
Surface	3,300'	12-1/4"	9-5/8"	J-55	36#	STC
Production	0'-1,200'	8-3/4"	5-1/2"	N-80	17#	Buttress
	1,200'-11,000'	8-3/4"	5-1/2"	N-80	17#	LTC
	11,000'-12,500'	8-3/4"	5-1/2"	P-110	17#	LTC

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.
- Depending on availability, 17#, P-110, LT&C may be substituted for the 17#, N-80, Buttress casing at the top of the production string.

- Casing design runs are shown for each casing string. See Attachment "B"

5. Cement Program

Conductor Casing: 0'-40'

Ready Mix to surface

Surface Casing: 0' – 3300'

Lead Cement:

0'-2800'

11.0 ppg Premium Lite II cement

10% bwoc Bentonite

0.5% bwoc Sodium Metasilicate

5 #/sk Kol Seal

0.25 #/sk Cello Flake

3% bwow Potassium Chloride

Cement yield = 3.38 ft³/sk w/ 20.5 gal/sk water

Annular volume (in open hole) = 2760' * 0.3132 ft³/ft = 864.4 ft³

Excess = 50%

Total volume (open hole) w/ excess = 864.4 ft³ * 1.50 = 1296.6 ft³

Annular volume (in conductor) = 40' * 1.5687 ft³/ft = 62.7 ft³

Excess = 0%

Total volume (open hole & conductor) = 1359 ft³

Lead Cement Requirement = 1359 ft³ / 3.38 ft³/sk = 403 sks

Tail Cement:

2800'-3300' plus shoe joint

15.8 ppg Class G

2% bwoc Calcium Chloride

0.25 #/sk Cello Flake

Cement yield = 1.17 ft³/sk w/ 5 gal/sk water

Annular volume (in open hole) = 500' * 0.3132 ft³/ft = 156.6 ft³

Excess = 50%

Total volume (open hole) w/ excess = 156.6 ft³ * 1.50 = 234.9 ft³

Shoe volume = 40' * 0.4341 ft³/ft = 17.4 ft³

Excess (shoe) = 0%

Total volume (open hole & shoe) = 234.9 + 17.4 = 252 ft³

Tail Cement Requirement = 252 ft³ / 1.17 ft³/sk = 217 sks

Displacement Volume:

3260' * 0.0773 bbl/ft = 252 bbls

Top Out Cement:

0-200' (displaced down backside w/ 1" string)

15.8 ppg Class G

2% bwoc Calcium Chloride

0.25 #/sk Cello Flake

Cement yield = 1.17 ft³/sk w/ 5 gal/sk water

Annular volume = 200' * 0.3132 ft³/ft = 62.6 ft³

Excess = 100%

Total volume w/ excess = 62.6 ft³ * 2.0 = 125.2 ft³

Top Out Cement Requirement = 125.2 ft³ / 1.17 ft³/sk = 107 sks

Production Casing: 0'-12,500' (DV Tool @ 10,000')

Stage 1

Cement:

10,000'-12,500'

14.4 ppg 50:50 Poz (Fly Ash): Class G Cement (or equivalent)

0.05 #/sk Static Free

0.2% bwoc R-3

3% bwow Potassium Chloride

0.25 #/sk Cello Flake

0.9% bwoc FL-25

1 gal / 100 sk FP-6L

35% bwoc Silica Flour

0.2% bwoc BA-59

0.2% bwoc Bentonite

Cement yield = 1.65 ft³/sk w/ 7.12 gal/sk water

Annular volume = 2500' * 0.2526 ft³/ft = 631.5 ft³

Excess = 25%

Total volume w/ excess = 631.5 ft³ * 1.25 = 789.4 ft³

Shoe volume = 40' * 0.1305 ft³/ft = 5.2 ft³

Excess (shoe) = 0%

Total volume w/ excess (incl. shoe) = 789.4 + 5.2 = 794 ft³

Stage 1 Cement Requirement = 794 ft³ / 1.65 ft³/sk = 480 sks

Displacement Volume:

(12,500'-40') * 0.0232 bbl/ft = 289.0 bbls

Stage 2 (DV tool to 500' inside surface casing)

Lead Cement:

2,800'-9,593'

11.2 ppg Premium Lite II cement (or equivalent)

3 #/sk CSE

0.3% bwoc R-3

3% bwow Potassium Chloride

10% bwoc Bentonite
 0.2% bwoc Sodium Metasilicate
 Cement yield = 3.15 ft³/sk w/ 19 gal/sk water
 Volume inside surface casing = 500' * 0.2691 ft³/ft = 134.5 ft³
 Excess = 0%
 Annular volume = 6293' * 0.2526 ft³/ft = 1589.6 ft³
 Excess = 25%
 Annular volume w/ excess = 1589.6 ft³ * 1.25 = 1987.0 ft³
 Total volume = 134.5 + 1987.0 = 2121.5 ft³
Lead Cement Requirement = 2121.5 ft³ / 3.15 ft³/sk = 674 sks

Tail Cement:

9,593' – 10,000'
 14.2 ppg 50:50 Poz (Fly Ash): Class G Cement (or equivalent)
 0.05% bwoc Static Free
 0.1% bwoc R-3
 3% bwow Potassium Chloride
 0.9% bwoc FL-25
 1 gal / 100 sk FP-6L
 2% bwoc Bentonite
 0.2% bwoc Sodium Metasilicate
 0.2% bwoc BA-59
 Cement yield = 1.29 ft³/sk w/ 5.8 gal/sk water
 Annular volume = 407' * 0.2526 ft³/ft = 102.8 ft³
 Excess = 25%
 Annular volume w/ excess = 102.8 ft³ * 1.25 = 128.5 ft³
Tail Cement Requirement = 100 sks

Displacement Volume:

10,000' * 0.0232 bbl/ft = 232 bbls

- A detailed cement program is included. See Attachment "C"

6. Mud Program (visual monitoring)

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0'- 2,400'	Water/Gel/Lime/Native Clays	8.3-8.6 ppg	33-36 sec/qt	N/C
2,400'- 12,500'	KCl/Polymer or DAP/Polymer	9.0-9.3 ppg	38-42 sec/qt	8-10cc

Sufficient mud materials to maintain mud properties, control lost circulation, contain a "gas" kick, and rebuild an active mud system will be available on location during drilling operations.

7. Testing, Logging, Coring

- Drill stem tests – non anticipated

- b. Electric logs - DIL/SP/GR, FDC/CNL/CAL/PE/GR, BHC sonic/GR all from TD to surface
- c. Coring – possible sidewall coring in the Dakota, Cedar Mountain, Morrison and Entrada.

8. **Anticipated Bottom Hole Pressure and Temperature, and other Potential Hazards**

A. Bottom Hole Pressure:

Maximum anticipated bottom hole pressure is 4,375 psi (calculated at 0.35 psi/ft. at the 12,500' (TVD) level of the Wingate). This pressure gradient was calculated from a bottom hole pressure buildup tests conducted on four separate wells located in Section 29, T14S-R20E. These wells are the closest wells to the subject well completed in the same deep zones. Therefore the maximum anticipated surface pressure is 1,625 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).

B. Bottom Hole Temperature:

The bottom hole temperature anticipated in this wellbore is approximately 230 degrees Fahrenheit at 12,500' TVD. This anticipated temperature is consistent with the temperatures encountered in the other four deep wells drilled in this area.

C. Abnormal Pressures or Temperatures:

As demonstrated above, no abnormal pressures or temperatures are anticipated in this well.

D. Potential Hazards:

No hydrogen sulfide (H₂S) gas or other potential hazards have been encountered or are known to exist in any well drilled to similar depths in the general area.

9. **Anticipated Starting Date and Duration**

Spud Date: Upon governmental approval and drilling rig availability

Duration of Operations:

- 1) Drilling: Approximately 40 days.
- 2) Completion: Approximately 30 days

Drilling Notification:

Prior to location construction, moving in the drilling rig and spudding the well, the Vernal field office of the BLM will be notified of our intentions to commence operations, unless otherwise instructed in the site specific conditions of approval.

**SURFACE USE PLAN
MILLER, DYER & CO. LLC**

**Ute Tribal #7-30-14-20
SWNE Section 30 T14S-R20E**

1. Existing Roads:
 - a. Topographic Map "A" shows the vicinity of the well, including a portion of the Agency Draw Road. This road is reached from Ouray, Utah, by following the Seep Ridge Road south to Buck Canyon; taking the Buck Canyon road west to the Willow Creek Road; then north on the Willow Creek Road to Santio Crossing, which is at the junction of the Willow Creek Road and the Agency Draw Road.
 - b. Topographic Map "B" shows the point approximately 53 miles south of Ouray where the access road to the well departs from the Agency Draw Road, 1.5 miles north on the Flat Rock Mesa Road. Beyond this point the access road consists of 40 feet of proposed lease road leading to the Ute Tribal #7-30-14-20 location.
2. Planned Access Road: (refer to Topographic Map "D")
 - a. Length of new road will be approximately 40 feet.
 - b. The right-of-way width is 55' (27.5' on either side of the centerline) with a 20-foot wide running surface.
 - c. Maximum grade will be less than 2%
 - d. No turn-outs are planned.
 - e. The new road will be crowned, ditched and dipped to provide adequate drainage.
 - f. Culverts will be used if necessary.
 - g. No gates or cattle guards will be needed. Nor will any existing facilities be modified.
 - h. The proposed road was flagged when the location was staked.
 - i. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.
3. Location of Existing Wells:
 - a. The nearest producing well is the Ute Tribal #30-5A, located approximately 1394' northeast of the proposed well location in Section 30-T14S-R20E.
4. Location of Existing and/or Proposed Facilities:
 - a. There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached "Location Layout"). Topographic Map "D" shows the proposed route for a gas line, to be co-located in the access road right-of-way, and connected to the Miller, Dyer & Co. LLC gathering system.
 - b. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.

5. Location and Type of Water Supply:
 - a. Miller, Dyer & Co. existing water supply well the Ute Tribal 30-4A, located in the NENW Section 30-T14S-R20E on Indian surface has been approved by the Ute Indian Tribe. The existing BIA water permit number for the well is #14-20-H62-5069.
 - b. Some produced water from existing wells may be used for drilling. Fresh water may also be taken at a point of diversion at Santio Crossing from Willow Creek in the SESE Section 29-T12S-R21E, SLB&M, if available during the drought. This water will be taken under the terms of the Ute Oilfield Water Service's state filing.
 - c. Water will be transported by truck on the Agency Draw and Flat Rock Mesa roads.
6. Source of Construction Materials:
 - a. It is anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the operator's pit located on SITLA land near Chimney Rock.
 - b. The entire well site and all access roads to be upgraded for built are located on lands held in trust by the federal government for the Ute Indian Tribe.
 - c. All construction materials used in building the well pad and access road will be native materials accumulated during construction. In the event that additional materials are needed, they will be obtained from the operator's existing pit on SILTA land or from private sources.
7. Methods for Handling Waste Disposal:
 - a. Methods and locations for safe containment and disposal of the following materials:
 1. Drill cuttings will be buried in the reserve pit.
 2. Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill. There will be no burning of trash on the location at any time.
 3. Salts will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
 4. Chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
 5. Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.
 - b. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.

- c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, of this well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.
- d. Reserve pit and waste water disposal:
 - 1. The reserve pit will be constructed so as not to lead, break, or allow the discharge of fluids.
 - 2. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks. The pit will be fenced on three sides with 39" net wire, topped with a minimum of one strand of barbed wire. All wire will be stretched prior to attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.
 - 3. The closure of the reserve pit will follow the Guidance for Reserve Pit Closure as found in the Environmental Handbook of the State of Utah, Division of Oil, Gas & Mining.
 - a) The reserve pit will be closed within one year following drilling and completion of a well (R649-16.3).
 - b) Liquid in a pit will be allowed to either evaporate or be removed. If removed, it will be disposed of properly, some options are injection (in this well or another), hauled to a permitted disposal facility, or re-used at another well.
 - c) The pit liner may be cut off above the cuttings/mud level and hauled to a landfill, or folded in and processed along with other pit contents and covered. No remnants of liner material will be exposed at the surface when pit closure is complete. Pit area will be mounded so as not to allow ponding of water and drainage diverted around as not to allow erosion of the old pit site.
 - 4. A closed drilling system will not be used as there is no irrigable land, floodplains, or lands under crop production.
 - 5. In accordance with Onshore Order No. 7, a permanent disposal method and location will be applied for within 90 days of establishing production.
 - 6. After first production:
 - a) Produced waste water will be confined to the reserve pit, or a storage tank for a period not to exceed 90 days.
 - b) During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis will be submitted to the authorized officer.
 - c) No produced water will be used for dust or weed control of any kind. Should spills of oil, produced water, or hazardous

materials occur, the area of the spill will be re-mediated and contaminated soil and recovered oil or hazardous materials will be hauled to an approved disposal facility.

8. Ancillary Facilities:
 - a. No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineers, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed on location.
9. Well Site Layout:
 - a. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography.
 - b. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
 - c. Refer to "Location Layout" diagram for rig orientation, access road and parking area. Parking area will be in the northeast corner of the location.
10. Plans for Restoration of the Surface:
 - a. Producing well location
 1. Immediately upon well completion the location and surrounding area will be cleared of all tubing, equipment, debris, materials, trash and junk not required for production.
 2. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
 3. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc removed. The liner will be perforated and torn prior to backfilling.
 4. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
 5. All disturbed areas not needed for operations will be seeded with the mixture required by the BIA in the manner specified by the BIA.
 - b. Dry Hole/Abandoned Location
 1. At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the BLM and the BIA. The BLM will attach plugging conditions of approval, and the BIA will attach conditions of approval for the restoration of the surface.
11. Surface Ownership:

- a. Access roads and location are held in trust for the Ute Indian Tribe by the United States. The operator has obtained a right-of-way with the BIA and submitted payment for damages as specified in its Exploration and Development Agreement with the Ute Indian Tribe.

12. Additional Information:

- a. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the assigned monitor and the authorized officer (AO) at the BIA. Within five working days the AO will inform the operator as to:
 1. Whether the materials appear to be eligible for the National Register of Historic Places;
 2. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 3. A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.
- b. If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.
- c. At the request of the Ute Indian Tribe, a 30'-wide fire break will be bladed around the perimeter of the location.

Bonding:

Please be advised that Miller, Dyer & Co. LLC is considered to be the operator of the Ute Tribal #7-30-14-20 well; SWNE of Section 30, T14S-R20E Uintah County, Utah; and all producing zones; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Certificate of Deposit #UTB000058.

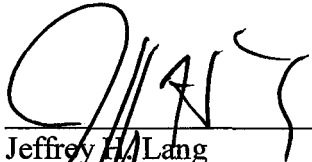
Operator's Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed

herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operation conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 27th day of SEPTEMBER, 2007

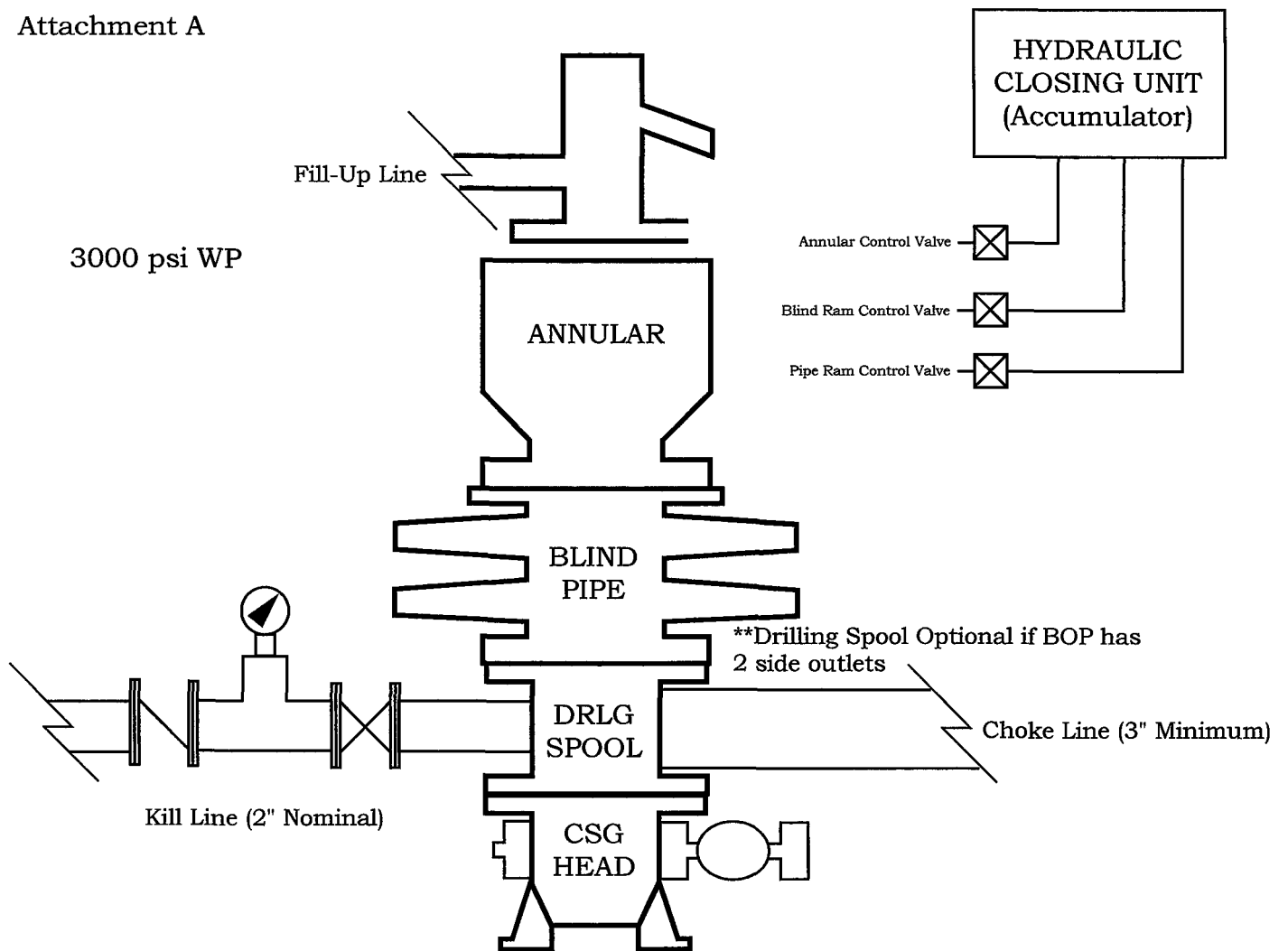
Jeffrey H. Lang
Vice President of Operations
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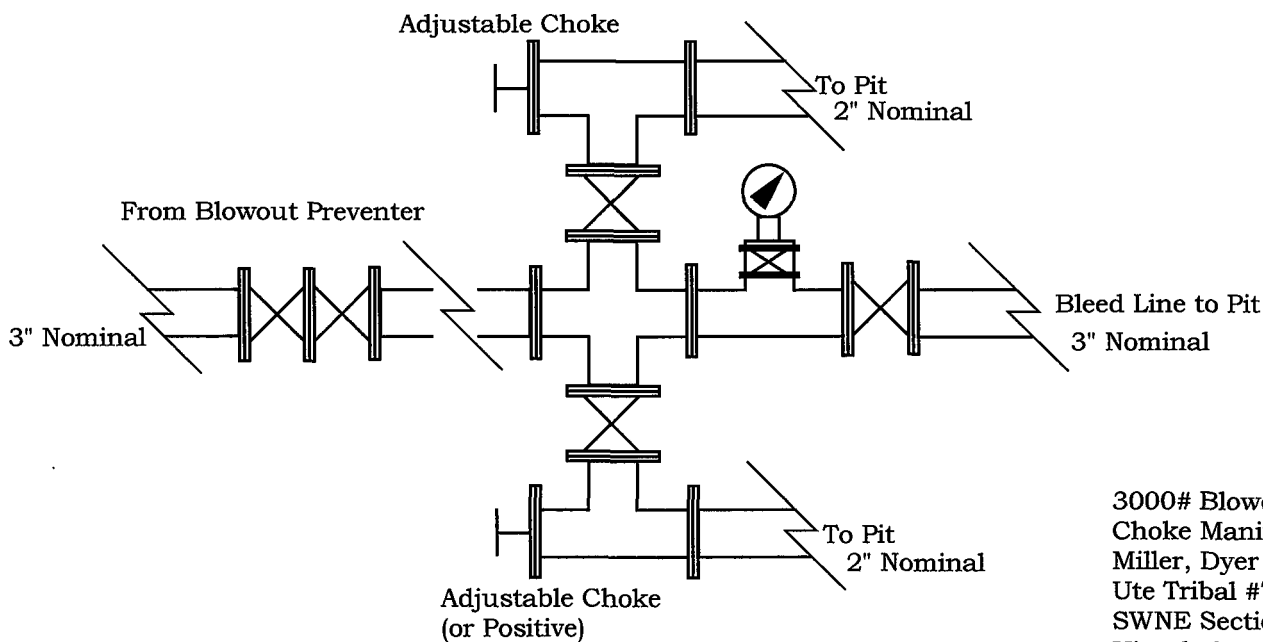
Jeffrey H. Lang
Vice President of Operations

The Onsite Inspection for this well will be conducted after the APD has been submitted to the BLM as per the new requirements of Onshore Order #1 dated March 7, 2007.

Attachment A



Choke Manifold Requirement (3000 psi WP)



3000# Blowout Preventer &
Choke Manifold Schematic
Miller, Dyer & Co. LLC
Ute Tribal #7-30-14-20
SWNE Section 30 T14S-R20E
Uintah County, Utah

IMPORTANT NOTICE: This information should be checked by the engineer responsible for the design to insure its accuracy. U. S. Steel makes no express or implied warranty of any kind in respect either to the information furnished or the materials referred to or as to the suitability thereof for any particular application, use or purpose, and expressly disclaims any and all such warranties. Anyone making use of this information does so at their own risk and assumes full responsibility as to its suitability for the use intended and any and all liability resulting from such use.

Date: 09-26-2007 16:42

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO	C01560
SUBMITTED BY	Jeff Lang
CUSTOMER	Miller, Dyer & Co. LLC
OUTSIDE DIAMETER	9.625
MUD WEIGHT	9.300
SOUR SERVICE	NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	3300	0-3300	36	J-55	SHORT ROUND	118800	118800

***** SAFETY - FACTORS *****					
ITEM NUMBER	EXTERNAL PRESSURE COLLAPSE	TENSION YIELD STRENGTH	TENSION ULTIMATE STRENGTH	INTERNAL YIELD PRESSURE	LEAK RESISTANCE
TARGET	1.125	1.250	1.800	1.000	1.000
1	1.268	3.757	3.313	2.208	5.309

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 1594 PSI.

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Date: 09-26-2007 16:34

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO

C01546

SUBMITTED BY

Jeff Lang

CUSTOMER

Miller, Dyer & Co. LLC

OUTSIDE DIAMETER

5.500

MUD WEIGHT

9.300

SOUR SERVICE

NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	1200	0-1200	17	N-80	BUTTRESS	20400	212500
2	9800	1200-11000	17	N-80	LONG ROUND	166600	192100
3	1500	11000-12500	17	P-110	LONG ROUND	25500	25500

***** SAFETY - FACTORS *****					
ITEM NUMBER	EXTERNAL PRESSURE COLLAPSE	TENSION YIELD STRENGTH	TENSION ULTIMATE STRENGTH	INTERNAL YIELD PRESSURE	LEAK RESISTANCE
TARGET	1.125	1.250	1.800	1.000	1.000
1	8.287	1.868	2.099	1.282	2.666
2	1.158	1.561	1.809	1.282	2.181
3	1.239	16.165	17.450	1.762	2.181

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 6038 PSI.

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Date: 09-26-2007 16:35

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO	C01547
SUBMITTED BY	Jeff Lang
CUSTOMER	Miller, Dyer & Co. LLC
OUTSIDE DIAMETER	5.500
MUD WEIGHT	9.300
SOUR SERVICE	NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	1200	0-1200	17	P-110	LONG ROUND	20400	212500
2	9800	1200-11000	17	N-80	LONG ROUND	166600	192100
3	1500	11000-12500	17	P-110	LONG ROUND	25500	25500

***** SAFETY - FACTORS *****					
ITEM NUMBER	EXTERNAL PRESSURE COLLAPSE	TENSION YIELD STRENGTH	TENSION ULTIMATE STRENGTH	INTERNAL YIELD PRESSURE	LEAK RESISTANCE
TARGET	1.125	1.250	1.800	1.000	1.000
1	11.277	1.940	2.094	1.762	2.181
2	1.158	1.561	1.809	1.282	2.181
3	1.239	16.165	17.450	1.762	2.181

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 6038 PSI.

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Proposal No: 179969767A

Miller, Dyer & Co.,LLC
Flat Rock Generic

ATTACHMENT C

Uintah County, Utah
September 25, 2007

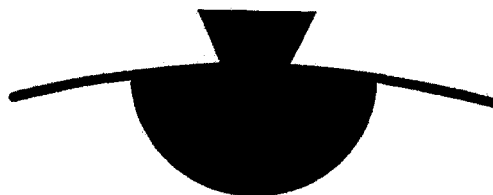
Well Proposal

Prepared for:

Jeff Lang
Miller, Dyer & Co.,LLC
Email: mstrever@msn.com
Mobile: (303) 818-4990

Prepared by:

Clark Emrich
Technical Account Manager
Denver, Colorado
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Vernal
Bus Phone: (435) 781-2294
Fax: (435) 789-4530

Service Representatives:

Clark Emrich
Technical Account Manager
Denver, Colorado
Bus Phone: (303) 832-3722
Email: cemrich@bjsservices.com
Mobile: (303) 549-4180

Operator Name: Miller, Dyer & Co., LLC
Well Name: Flat Rock Generic
Job Description: Surface: 9 5/8" CSG x 12.25" O.H. x 3300' MD
Date: September 25, 2007



Proposal No: 179969767A

JOB AT A GLANCE

Depth (TVD)	3,300 ft
Depth (MD)	3,300 ft
Hole Size	12.25 in
Casing Size/Weight :	9 5/8 in, 36 lbs/ft
Pump Via	9 5/8" O.D. (8.921" I.D) 36
Total Mix Water Required	9,357 gals
Pre-Flush	
Water	40 bbls
Density	8.4 ppg
Lead Slurry	
Premium Lite II Cement	403 sacks
Density	11.0 ppg
Yield	3.38 cf/sack
Tail Slurry	
Class G + Additives	217 sacks
Density	15.8 ppg
Yield	1.17 cf/sack
Displacement	
Water	252 bbls
Density	8.4 ppg

Operator Name: Miller, Dyer & Co., LLC
 Well Name: Flat Rock Generic
 Job Description: Surface: 9 5/8" CSG x 12.25" O.H. x 3300' MD
 Date: September 25, 2007



Proposal No: 179969767A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
19.500 CASING	40	40
12.250 HOLE	3,300	3,300

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
9.625	8.921	36	3,300	3,300

Float Collar set @ 3,260 ft
 Mud Density 8.50 ppg
 Mud Type Water Based
 Est. Static Temp. 120 ° F
 Est. Circ. Temp. 97 ° F

VOLUME CALCULATIONS

40 ft	x	1.5687 cf/ft	with	0 % excess	=	62.7 cf
2,760 ft	x	0.3132 cf/ft	with	50 % excess	=	1296.6 cf
500 ft	x	0.3132 cf/ft	with	50 % excess	=	234.9 cf
40 ft	x	0.4341 cf/ft	with	0 % excess	=	17.4 cf (inside pipe)
TOTAL SLURRY VOLUME					=	1611.6 cf
					=	287 bbls

VERIFY TUBULAR CONFIGURATION, PROCEDURE, AND PROPER DISPLACEMENT DEPTH WITH CUSTOMER REPRESENTATIVE PRIOR TO PUMPING.

BHST has been estimated from 1.2 deg/100 ft gradient with an 80 degree ambient rock temperature. The BHCT has been calculated using API standards.

Operator Name: Miller, Dyer & Co., LLC
Well Name: Flat Rock Generic
Job Description: Surface: 9 5/8" CSG x 12.25" O.H. x 3300' MD
Date: September 25, 2007



Proposal No: 179969767A

FLUID SPECIFICATIONS

Pre-Flush 40.0 bbls Water @ 8.4 ppg

<u>FLUID</u>	<u>VOLUME CU-FT</u>	<u>VOLUME FACTOR</u>	<u>AMOUNT AND TYPE OF CEMENT</u>
Lead Slurry	1359	/ 3.3	= 403 sacks Premium Lite II Cement + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol Seal + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 196.8% Fresh Water
Tail Slurry	252	/ 1.1	= 217 sacks Class G Cement + 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 44.3% Fresh Water

Displacement 252.0 bbls Water @ 8.4 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.00	15.80
Slurry Yield (cf/sack)	3.38	1.17
Amount of Mix Water (gps)	20.53	5.00
Estimated Pumping Time - 70 BC (HH:MM)	5:00	2:00
COMPRESSIVE STRENGTH		
24 hrs @ 95 ° F (psi)	400	3500

THICKENING TEST TIMES ARE ESTIMATES. SLURRIES ARE SUBJECT TO CHANGE BASED ON TEST RESULTS FROM THE REGION LABORATORY.

SLURRY VOLUMES ARE ESTIMATED AND ARE SUBJECT TO CUSTOMER VERIFICATION.

PLEASE DOCUMENT HOW LONG WELL HAS BEEN CIRCULATED PRIOR TO CEMENTING AND INCLUDE ANY OTHER IMPORTANT ISSUES ON THE CEMENT REPORT.

Operator Name: Miller, Dyer & Co., LLC
Well Name: Flat Rock Generic
Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'
Date: September 25, 2007



Proposal No: 179969767A

JOB AT A GLANCE

Depth (TVD)	12,500 ft
Depth (MD)	12,500 ft
Hole Size	8.75 in
Casing Size/Weight :	5 1/2 in, 17 lbs/ft
Pump Via	5 1/2" O.D. (4.892" I.D) 17
Total Mix Water Required	16,908 gals
Stage No: 1	Float Collar set @ 12,460 ft
Spacer	
2% KCl Water	20 bbls
Density	8.4 ppg
Mud Wash	
Mud Clean I	1,000 gals
Density	8.4 ppg
Spacer	
2% KCl Water	20 bbls
Density	8.4 ppg
1st Tail Slurry	
50:50:2 (Poz:G:Gel) + Add's	480 sacks
Density	14.4 ppg
Yield	1.65 cf/sack
Displacement	
Drilling Mud	290 bbls
Density	9.5 ppg

Operator Name: Miller, Dyer & [REDACTED], LLC
Well Name: Flat Rock Generic
Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'
Date: September 25, 2007



Proposal No: 179969767A

JOB AT A GLANCE (Continued)

Stage No: 2 **Stage Collar set @** 10,000 ft

Pre-Flush

2% KCl Water	20 bbls
Density	8.4 ppg

Mud Wash

Mud Clean I	1,000 gals
Density	8.4 ppg

Spacer

2% KCl Water	20 bbls
Density	8.4 ppg

2nd Lead Slurry

Premium Lite II + Add's	674 sacks
Density	11.2 ppg
Yield	3.15 cf/sack

2nd Tail Slurry

50:50:2 (Poz:G:Gel) + Add's	100 sacks
Density	14.2 ppg
Yield	1.29 cf/sack

Displacement

2% KCl Water	232 bbls
Density	8.4 ppg



Operator Name: Miller, Dyer & ,LLC
Well Name: Flat Rock Generic
Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'
Date: September 25, 2007



Proposal No: 179969767A

WELL DATA (Continued)

VERIFY TUBULAR CONFIGURATION, PROCEDURE, AND PROPER DISPLACEMENT DEPTH WITH CUSTOMER REPRESENTATIVE PRIOR TO PUMPING.

BHST has been estimated from 1.25 deg/100 ft gradient with an 80 degree ambient rock temperature. The BHCT has been calculated using API standards. PLEASE CONFIRM ACTUAL BHST TO ENSURE ACCURATE CEMENT TESTING IS PERFORMED.

Operator Name: Miller, Dyer & Co., LLC
Well Name: Flat Rock Generic
Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'
Date: September 25, 2007



Proposal No: 179969767A

FLUID SPECIFICATIONS

STAGE NO.: 1

Spacer	20.0 bbls 2% KCl Water @ 8.43 ppg
Mud Wash	1,000.0 gals Mud Clean I @ 8.4 ppg
Spacer	20.0 bbls 2% KCl Water @ 8.43 ppg

<u>FLUID</u>	<u>VOLUME CU-FT</u>	<u>VOLUME FACTOR</u>	<u>AMOUNT AND TYPE OF CEMENT</u>
1st Tail Slurry	792	/ 1.6	= 480 sacks (50:50) Poz (Fly Ash):Class G Cement + 0.05 lbs/sack Static Free + 0.2% bwoc R-3 + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 0.9% bwoc FL-25 + 1 gals/100 sack FP-6L + 2% bwoc Bentonite + 35% bwoc Silica Flour + 0.2% bwoc BA-59 + 70.7% Fresh Water

Displacement 289.7 bbls Drilling Mud @ 9.5 ppg

CEMENT PROPERTIES

SLURRY NO. 1

Slurry Weight (ppg)	14.40
Slurry Yield (cf/sack)	1.65
Amount of Mix Water (gps)	7.12
Amount of Mix Fluid (gps)	7.13
Estimated Pumping Time - 70 BC (HH:MM)	4:00

COMPRESSIVE STRENGTH

24 hrs @ 230 ° F (psi)	3000
------------------------	------

Operator Name: Miller, Dyer & Co., LLC
Well Name: Flat Rock Generic
Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'
Date: September 25, 2007



Proposal No: 179969767A

FLUID SPECIFICATIONS (Continued)

STAGE NO.: 2

Pre-Flush	20.0 bbls 2% KCl Water @ 8.43 ppg
Mud Wash	1,000.0 gals Mud Clean I @ 8.4 ppg
Spacer	20.0 bbls 2% KCl Water @ 8.43 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
2nd Lead Slurry	2121	/ 3.1	= 674 sacks Premium Lite II Cement + 3 lbs/sack CSE + 0.3% bwoc R-3 + 3% bwow Potassium Chloride + 10% bwoc Bentonite + 0.2% bwoc Sodium Metasilicate + 183.6% Fresh Water
2nd Tail Slurry	129	/ 1.2	= 100 sacks (50:50) Poz (Fly Ash):Class G Cement + 0.05% bwoc Static Free + 0.1% bwoc R-3 + 3% bwow Potassium Chloride + 0.9% bwoc FL-25 + 1 gals/100 sack FP-6L + 2% bwoc Bentonite + 0.2% bwoc Sodium Metasilicate + 0.2% bwoc BA-59 + 57.3% Fresh Water
Displacement	232.5 bbls 2% KCl Water @ 8.43 ppg		

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.20	14.20
Slurry Yield (cf/sack)	3.15	1.29
Amount of Mix Water (gps)	19.16	5.77
Amount of Mix Fluid (gps)	19.16	5.78
Estimated Pumping Time - 70 BC (HH:MM)	5:00	4:30
COMPRESSIVE STRENGTH		
24 hrs @ 200 ° F (psi)		1800

THICKENING TEST TIMES ARE ESTIMATES. SLURRIES ARE SUBJECT TO CHANGE BASED ON TEST RESULTS FROM THE REGION LABORATORY.

SLURRY VOLUMES ARE ESTIMATED AND ARE SUBJECT TO CHANGE BASED ON CALIPER LOG MEASUREMENTS.

PLEASE DOCUMENT HOW LONG WELL HAS BEEN CIRCULATED PRIOR TO CEMENTING AND INCLUDE ANY OTHER IMPORTANT ISSUES ON THE CEMENT REPORT.



CONDITIONS

BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book. The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, www.bjservices.com. By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.

In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.

Operator: Miller, Dyer & Co., LLC
Well Name: Flat Rock Generic
Date: September 25, 2007



Proposal No: 179969767A

PRODUCT DESCRIPTIONS

BA-59

A free flowing powder which provides improved bonding and minimizes gas migration. Provides expansion properties and zero free water to cement slurries.

Bentonite

Commonly called gel, it is a clay material used as a cement extender and to control excessive free water.

CSE

Compressive Strength Enhancer - Fumed Silica. An additive which contributes to low density, high compressive strength development of cement slurries at all temperature ranges. This material also controls free water

Calcium Chloride

A powdered, flaked or pelletized material used to decrease thickening time and increase the rate of strength development.

Cello Flake

Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

Class G Cement

Intended for use as a basic cement from surface to 8000 ft as manufactured, or can be used with accelerators and retarders to cover a wide range of well depths and temperatures.

FL-25

An all purpose salt-tolerant fluid loss additive that provides exceptional fluid loss control across a wide range of temperatures and salinity conditions and remedial cementing applications.

FP-6L

A clear liquid that decreases foaming in slurries during mixing.

Kol Seal

A granular, lightweight material (specific gravity of 1.3) used to control lost circulation in zones of natural and induced fractures, cavities and high permeability.

Mud Clean I

A water-based non-acid solution used as a wash between the drilling mud and cement.

Potassium Chloride

A granular salt used to reduce clay swelling caused by water-base stimulation fluids.

Poz (Fly Ash)

A synthetic pozzolan, (primarily Silicon Dioxide). When blended with cement, Pozzolan can be used to create lightweight cement slurries used as either a filler slurry or a sulfate resistant completion cement.

Premium Lite II Cement

Premium Lite II is a high-yield, cost effective lightweight cement blend that provides exceptional compressive strength and reduced permeability when mixed at low slurry weights.

Operator: Miller, Dyer & Co., LLC
Well Name: Flat Rock Generic
Date: September 25, 2007



Proposal No: 179969767A

PRODUCT DESCRIPTIONS (Continued)

R-3

A low temperature retarder used in a wide range of slurry formulations to extend the slurry thickening time.

Silica Flour

A very fine (200 mesh) Silica Flour for use in fracturing fluids and acids to help control fluid-loss in small micro fissures of naturally fractured formations. Normal loadings range from 10 to 50 pounds per 1,000 gallons of fluid. It is used in cementing to prevent strength retrogression at high temperatures.

Sodium Metasilicate

An accelerator used to decrease the thickening time of cement slurries.

Static Free

An anti-static additive used to prevent air entrainment due to agglomerated particles. Can be used in Cementing and Fracturing operations to aid in the flow of dry materials.

Operator Name: Miller, Dyer & Co.,LLC
Well Name: Flat Rock Generic
Date: September 25, 2007



Proposal No: 179969767A

End of Report

MILLER, DYER & CO. LLC
Ute Tribal 7-30-14-20
Section 30, T14S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 17 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 29.4 MILES TO ITS INTERSECTION WITH THE BUCK CANYON ROAD (COUNTY B ROAD 5460). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 5460 APPROXIMATELY 3.2 MILES TO WILLOW CREEK. TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION ALONG THE WILLOW CREEK ROAD (COUNTY B ROAD 5120) APPROXIMATELY 2.1 MILES TO ITS INTERSECTION WITH THE AGENCY DRAW ROAD (COUNTY B ROAD 5340). EXIT LEFT AND PROCEED IN A WESTERLY THEN SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 5340 APPROXIMATELY 2.5 MILES TO ITS INTERSECTION WITH THE FLAT ROCK ROAD (COUNTY B ROAD 5450). EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG COUNTY B ROAD 5450 APPROXIMATELY 10.9 MILES TO THE FLAT ROCK MESA ROAD. PROCEED IN A SOUTHWESTERLY DIRECTION ALONG THE FLAT ROCK MESA ROAD APPROXIMATELY 2.8 MILES TO ITS INTERSECTION WITH THE BLACK KNOLLS ROAD. CONTINUE IN A WESTERLY THEN NORTHWESTERLY DIRECTION ALONG THE FLAT ROCK MESA ROAD APPROXIMATELY 2.9 MILES TO THE NORTH FORK OF THE FLAT ROCK MESA ROAD. EXIT RIGHT AND PROCEED IN A NORTHERLY THEN NORTHWESTERLY DIRECTION ALONG THE NORTH FORK OF THE FLAT ROCK MESA ROAD APPROXIMATELY 1.5 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 40 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 86.3 MILES IN A SOUTHERLY DIRECTION.



PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

MILLER, DYER & CO. LLC

Ute Tribal 7-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
1549' FNL & 1738' FEL

LOCATION PHOTOS

DATE TAKEN: 08-22-07

DATE DRAWN: 08-24-07

TAKEN BY: B.J.S.

DRAWN BY: M.W.W.

REVISED:

Timberline

(435) 789-1365

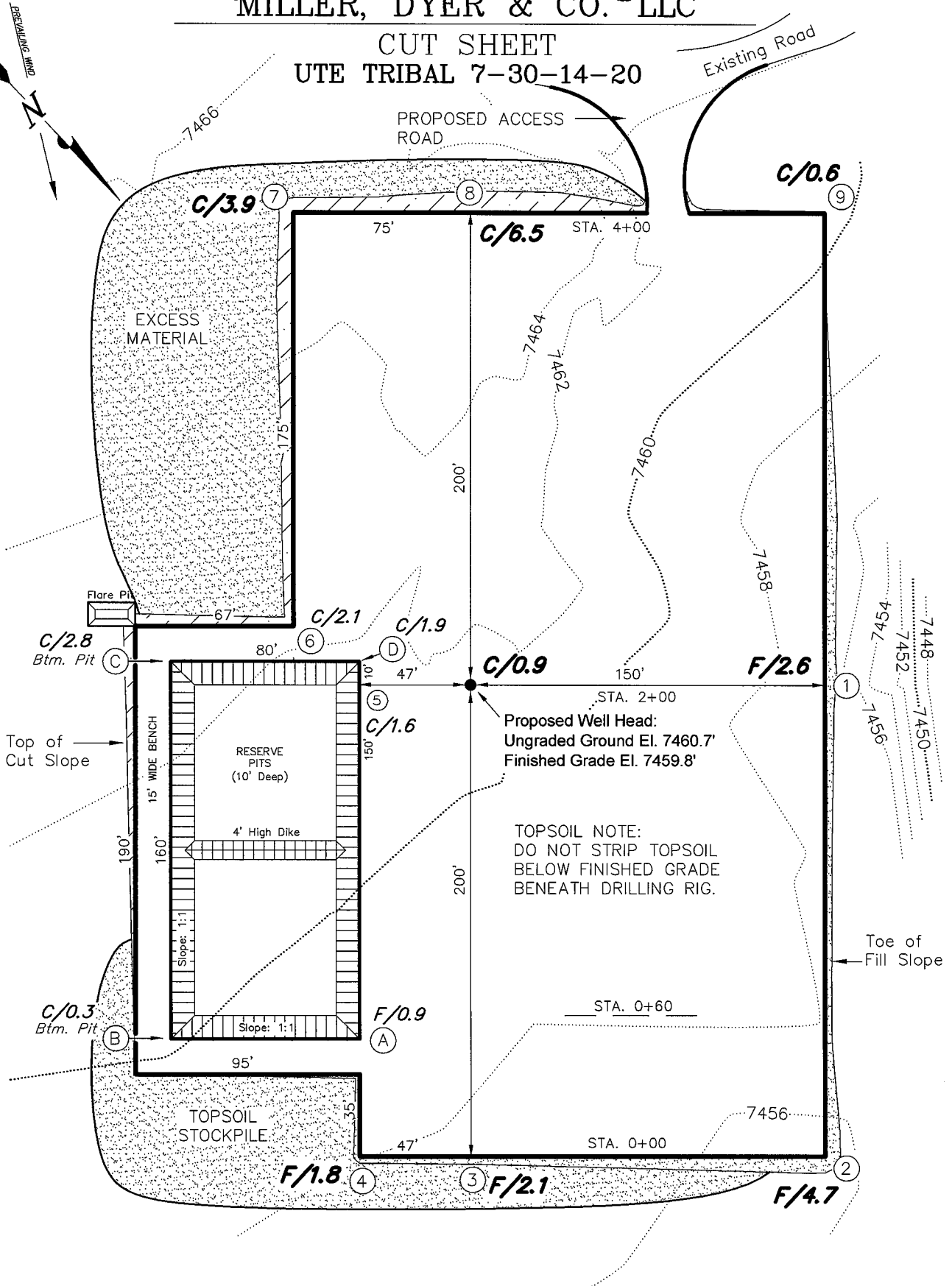
Engineering & Land Surveying, Inc.

38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
1
OF 10

MILLER, DYER & CO. LLC

CUT SHEET UTE TRIBAL 7-30-14-20

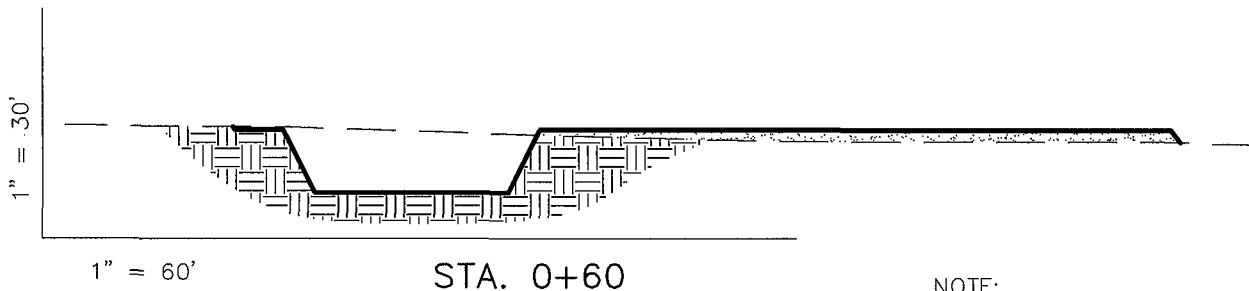
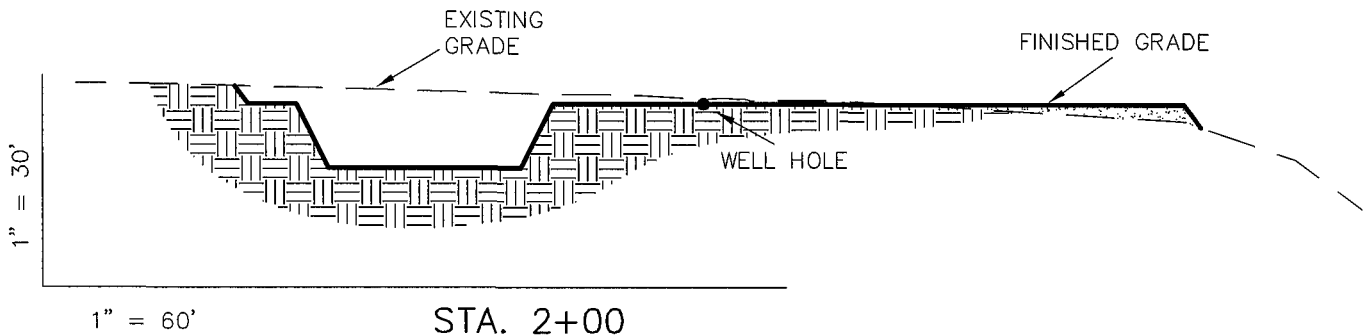
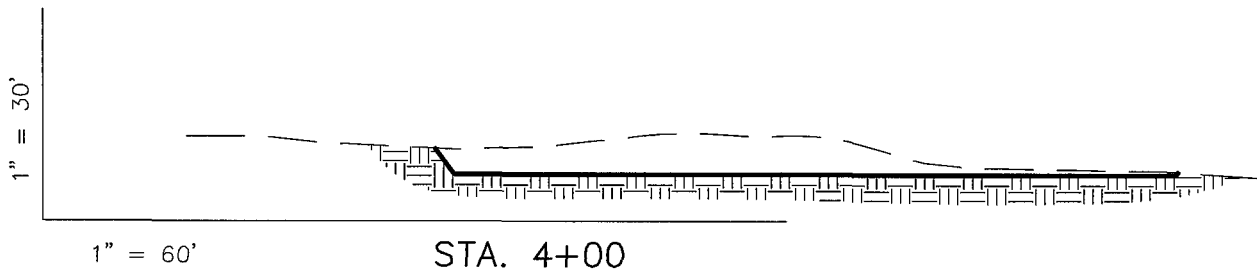


CONTOUR INTERVAL = 2'

Section 30, T14S, R20E, S.L.B.&M.		Qtr/Qtr Location: SW NE	Footage Location: 1549' FNL & 1738' FEL
Date Surveyed: 08-22-07	Date Drawn: 08-23-07	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: B.J.S..	Drawn By: M.W.W.	Scale: 1" = 60'	Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
			SHEET 3 OF 10

MILLER, DYER & CO. LLC

CROSS SECTIONS UTE TRIBAL 7-30-14-20



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1



Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,590	3,590	Topsoil is not included in Pad Cut	0
PIT	3,850	0		3,850
TOTALS	7,440	3,590	1,880	3,850

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

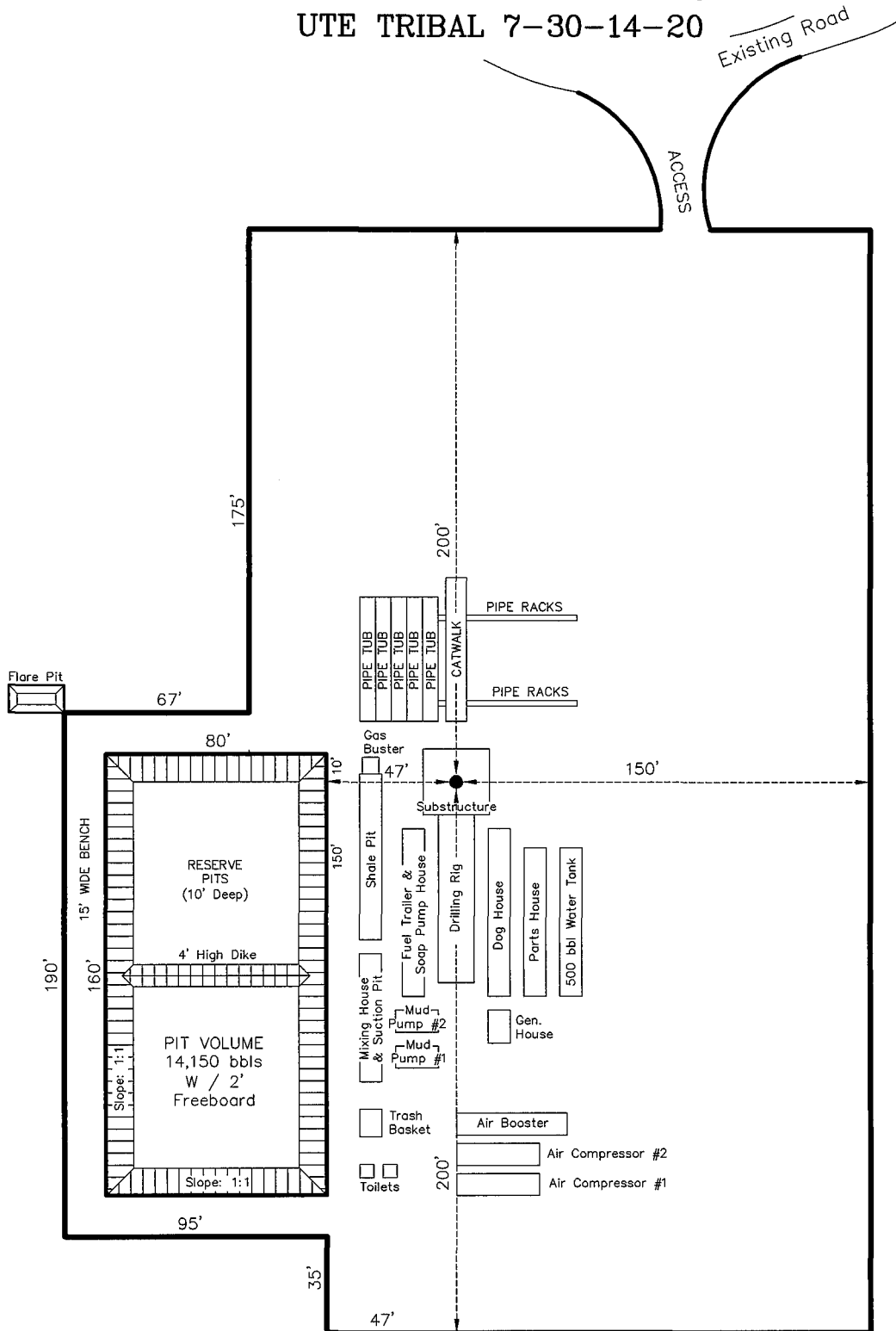
REFERENCE POINTS

250' NORTHEASTERLY = 7456.8'
300' NORTHEASTERLY = 7456.2'
185' NORTHWESTERLY = 7451.3'
220' NORTHWESTERLY = 7438.1'

Section 30, T14S, R20E, S.L.B.&M.		Qtr/Qtr Location: SW NE	Footage Location: 1549' FNL & 1738' FEL
Date Surveyed: 08-22-07	Date Drawn: 08-23-07	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
			SHEET 4 OF 10

MILLER, DYER & CO. LLC

TYPICAL RIG LAYOUT UTE TRIBAL 7-30-14-20



Section 30, T14S, R20E, S.L.B.&M.

Qtr/Qtr Location: SW NE

Footage Location: 1549' FNL & 1738' FEL

Date Surveyed:
08-22-07

Date Drawn:
08-23-07

Date Last Revision:

Timberline

(435) 789-1365

SHEET

Surveyed By: B.J.S..

Drawn By: M.W.W.

Scale: 1" = 60'

Engineering & Land Surveying, Inc.

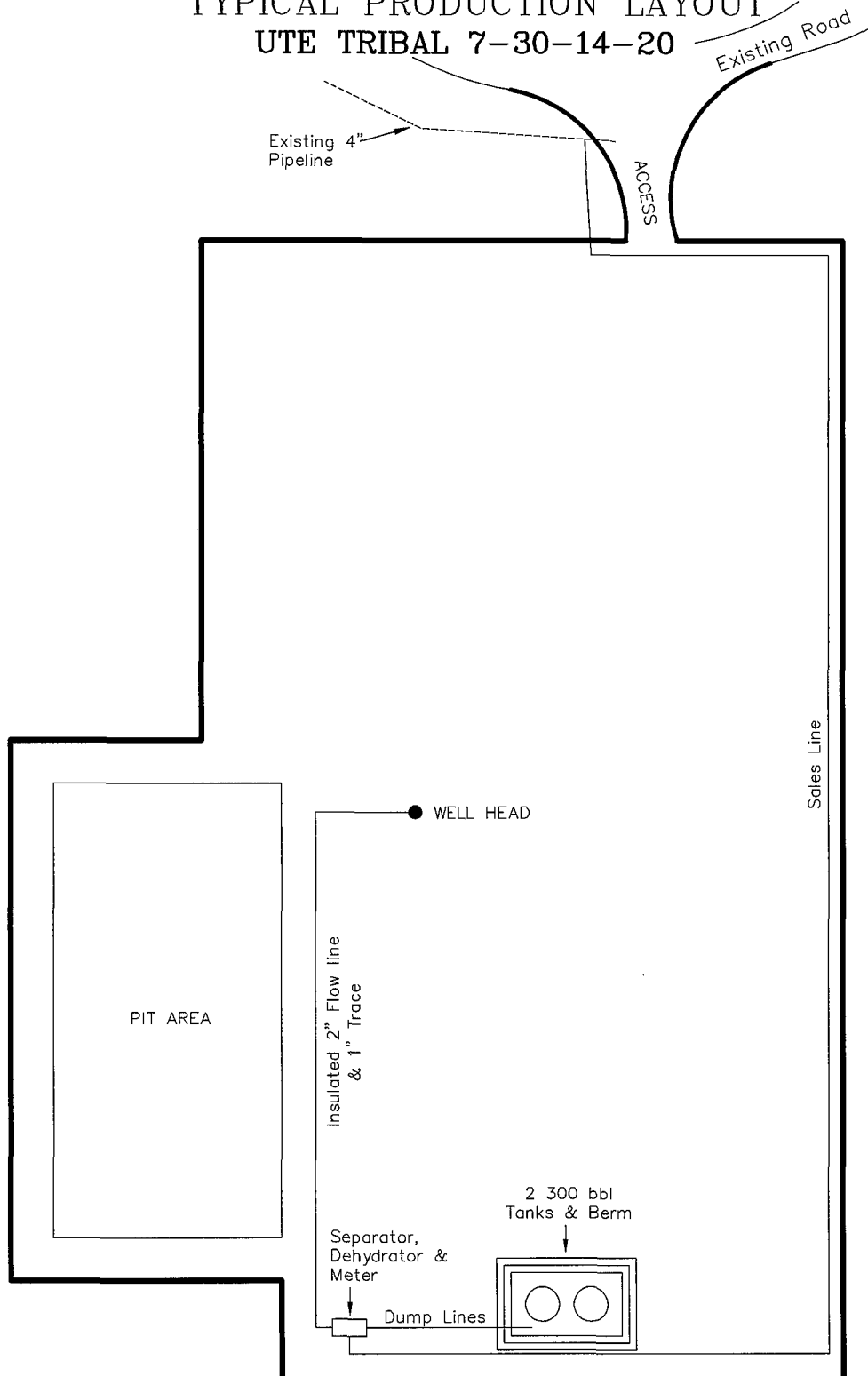
38 WEST 100 NORTH VERNAL, UTAH 84078

5
OF 10

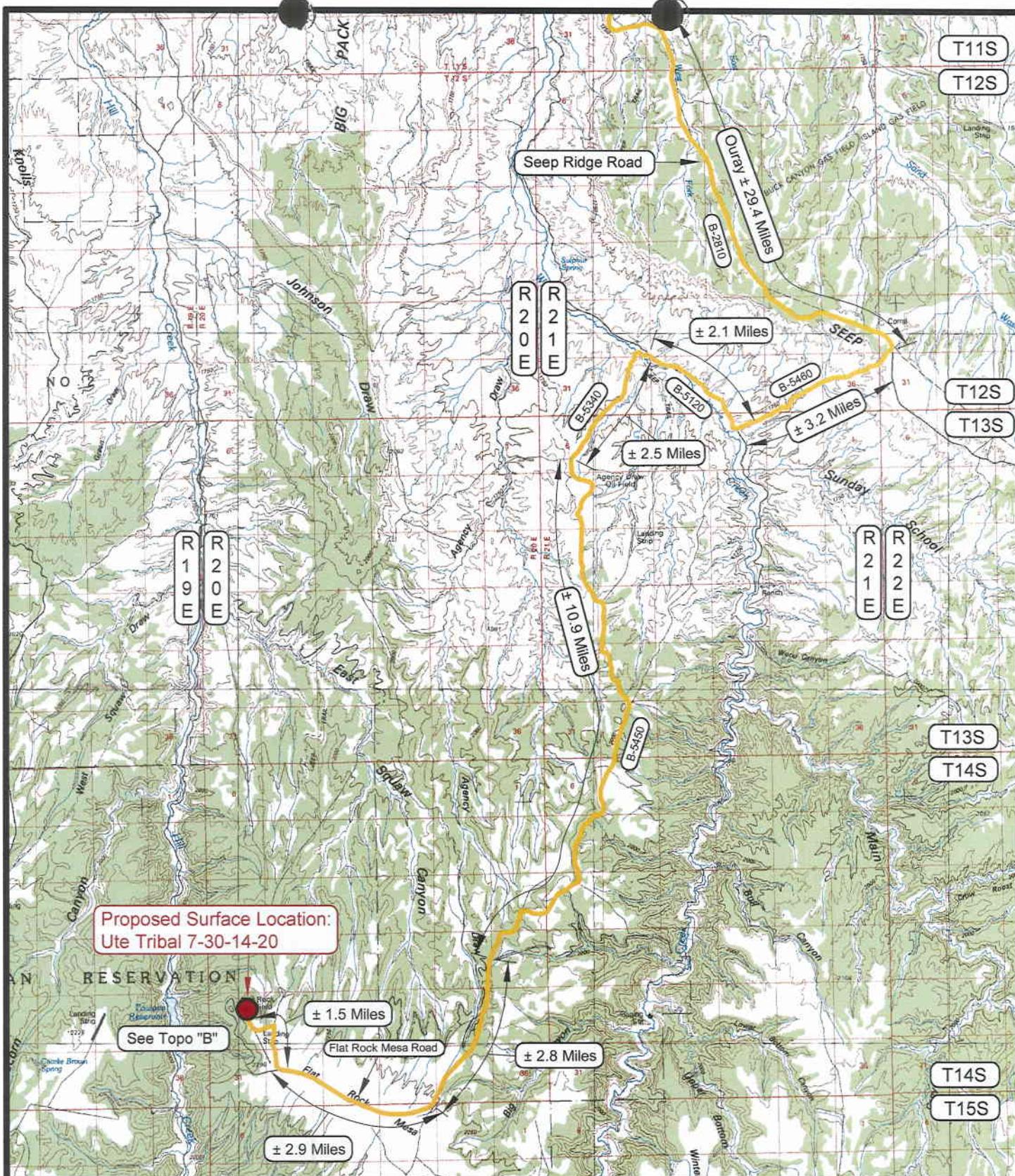
MILLER, DYER & CO. LLC

TYPICAL PRODUCTION LAYOUT

UTE TRIBAL 7-30-14-20



Section 30, T14S, R20E, S.L.B.&M.		Qtr/Qtr Location: SW NE	Footage Location: 1549' FNL & 1738' FEL
Date Surveyed: 08-22-07	Date Drawn: 08-23-07	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: B.J.S..	Drawn By: M.W.W.	Scale: 1" = 60'	Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
			SHEET 6 OF 10



Proposed Surface Location:
Ute Tribal 7-30-14-20

See Topo "B"

LEGEND

PROPOSED ACCESS ROAD
 ■■■■■ = SUBJECT WELL
 ■■■■■ = OTHER WELLS

(B-5460) = COUNTY ROAD CLASS
& NUMBER

— = EXISTING ROAD
 — = EXISTING ROAD (TO BE IMPROVED)

TOPOGRAPHIC MAP "A"

DATE SURVEYED: 08-22-07

DATE DRAWN: 08-23-07

SCALE: 1:150,000

DRAWN BY: M.W.W.

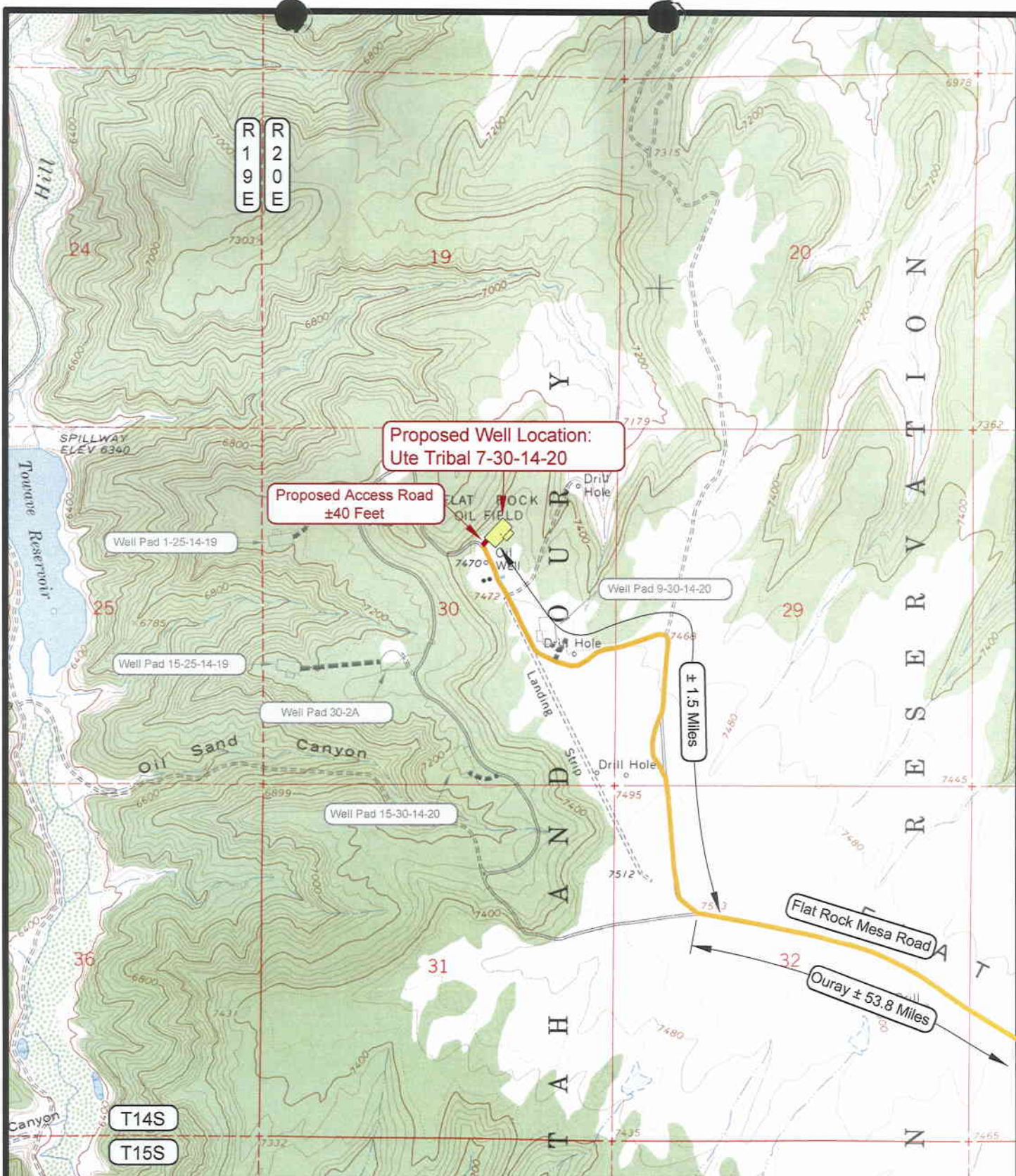
REVISED:

MILLER, DYER & CO. LLC

Ute Tribal 7-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
1549' FNL & 1738' FEL

Timberline (435) 789-1365
 Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
7
 OF 10



LEGEND

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = SHARED ACCESS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 08-22-07

DATE DRAWN: 08-23-07

REVISED:

MILLER, DYER & CO. LLC

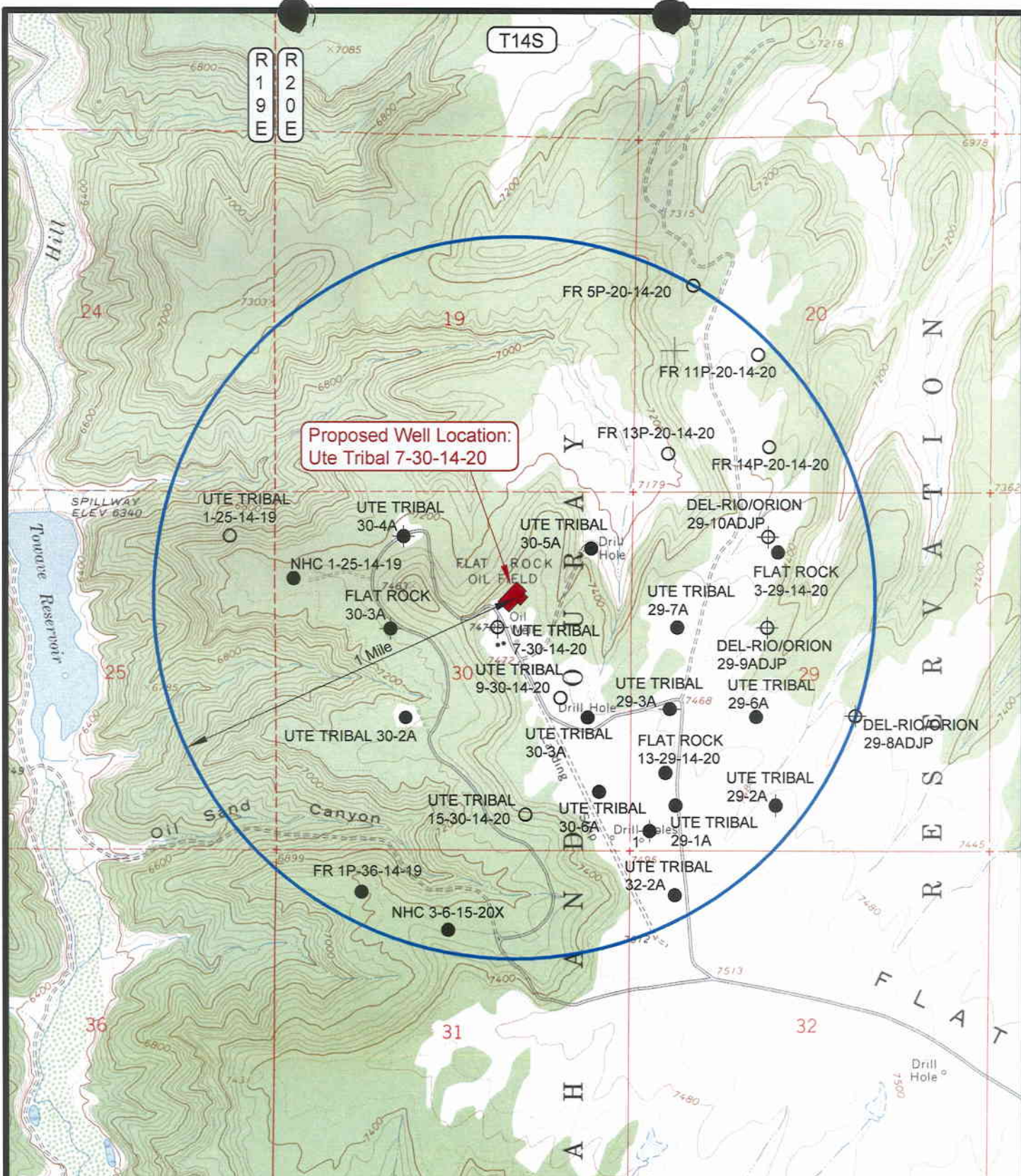
Ute Tribal 7-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
1549' FNL & 1738' FEL

Timberline

Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 789-1365

SHEET
 8
 OF 10



LEGEND

- ⊗ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊗ = WATER WELL
- = ABANDONED WELL
- ⊗ = TEMPORARILY ABANDONED WELL
- ⊗ = ABANDONED LOCATION

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 08-22-07

DATE DRAWN: 08-23-07

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

MILLER, DYER & CO. LLC

Ute Tribal 7-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
1549' FNL & 1738' FEL

Timberline

(435) 789-1365

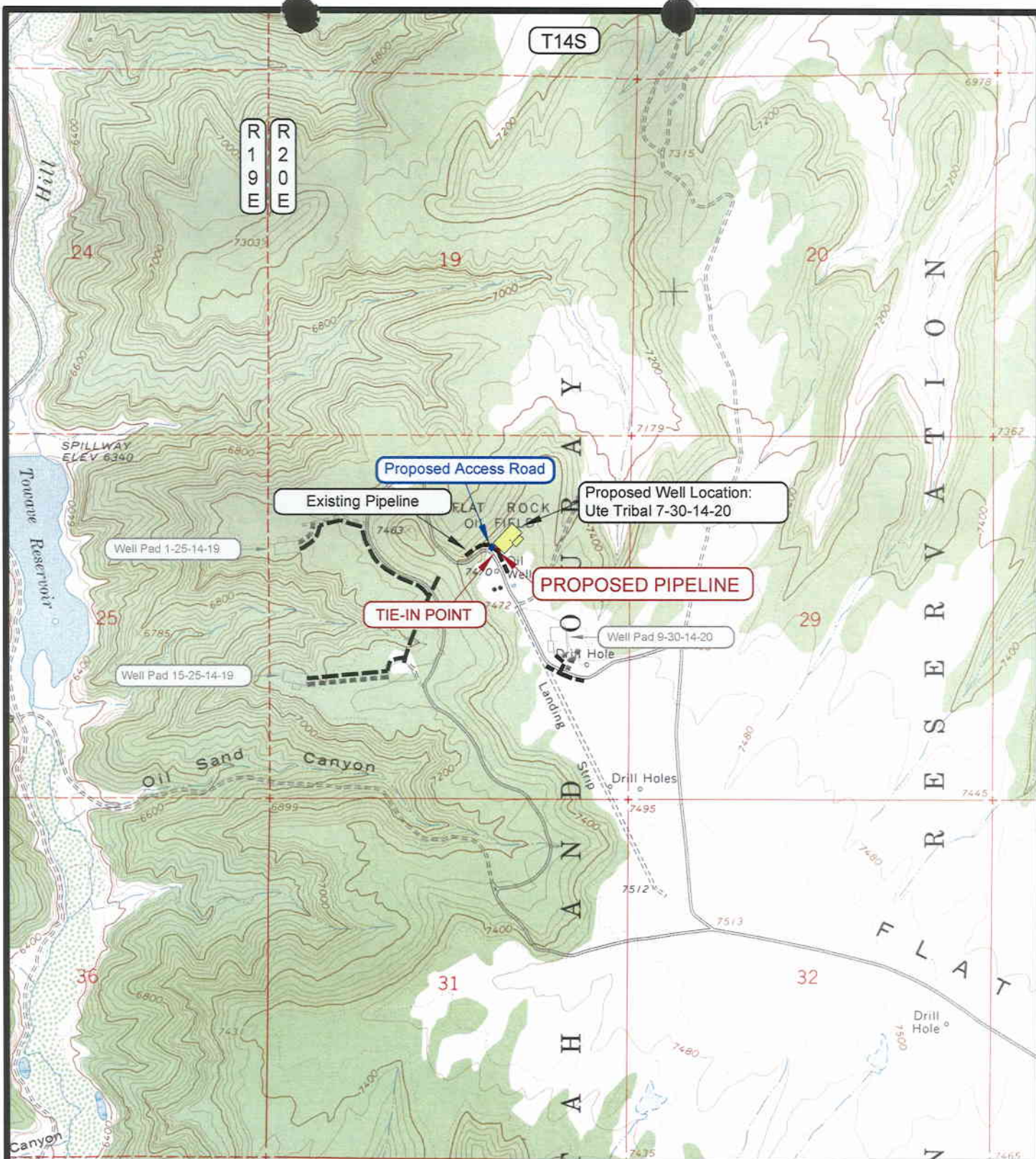
Engineering & Land Surveying, Inc.

38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET

9

OF 10



APPROXIMATE PIPELINE LENGTH = ± 35 FEET

LEGEND

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = LEASE LINE AND / OR PROPERTY LINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 08-22-07

DATE DRAWN: 08-24-07

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

MILLER, DYER & CO. LLC

Ute Tribal 7-30-14-20
SECTION 30, T14S, R20E, S.L.B.&M.
1549' FNL & 1738' FEL

Timberline

(435) 789-1365
 Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
 10
 OF 10

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/28/2007

API NO. ASSIGNED: 43-047-39667

WELL NAME: UTE TRIBAL 7-30-14-20

OPERATOR: MILLER, DYER & CO, LLC (N2580)

PHONE NUMBER: 303-292-0949

CONTACT: JEFF LANG

PROPOSED LOCATION:

SWNE 30 140S 200E

SURFACE: 1549 FNL 1738 FEL

BOTTOM: 1549 FNL 1738 FEL

COUNTY: UINTAH

LATITUDE: 39.57330 LONGITUDE: -109.7168

UTM SURF EASTINGS: 610220 NORTHINGS: 4380976

FIELD NAME: FLAT ROCK (600)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-019837

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WINGT

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0008085)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 30-4)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

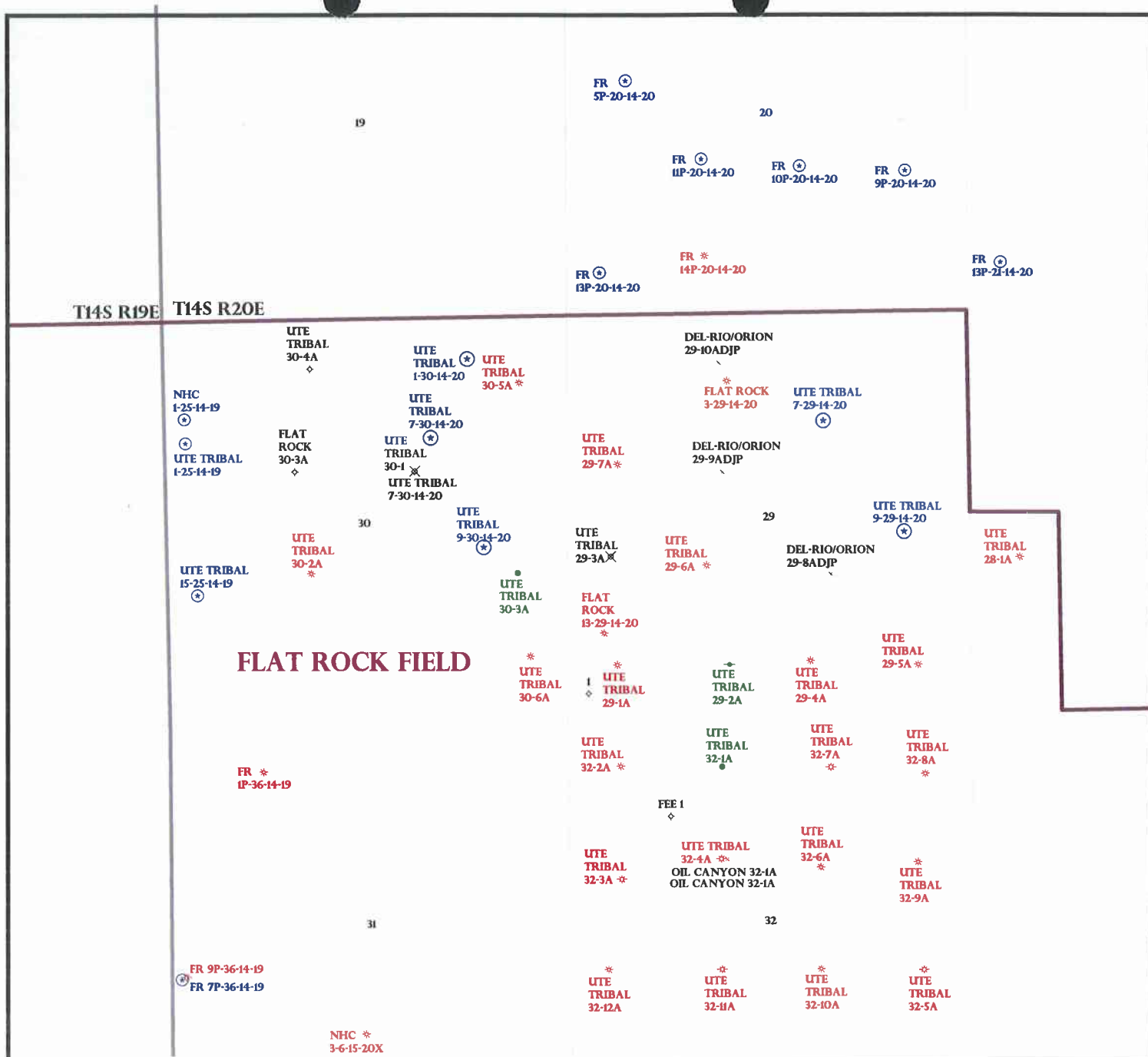
LOCATION AND SITING:

☐ R649-2-3.
Unit: _____
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☒ R649-3-3. Exception
Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☐ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Federal Approval
2- Spacing Strip



OPERATOR: MILLER,DYER & CO (N2580)

SEC: 29,30 T.14S R. 20E

FIELD: FLAT ROCK (600)

COUNTY: UINTAH

SPACING: R649-3-2 / EXCEPTION LOCATION

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON
DATE: 01-OCTOBER-2007

MILLER
MDYER & CO. LLC

475 Seventeenth Street, Suite 1200
Denver, Colorado 80202
P: 303-292-0949
F: 303-292-3901

October 10, 2007

Diana Mason
Utah Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Exception Location to Drill
Ute Tribal 7-30-14-20
Section 30, T14S R20E
UTU-019837
Uintah County, Utah

Dear Ms Mason:

Miller, Dyer & Co. LLC, as Operator, is proposing to drill and has made application with the Division of Oil, Gas and Mining ("DOGM") for a permit to drill the following well:

Ute Tribal 7-30-14-20

Location: 1549' FNL, 1738' FEL, (SWNE) Section 30, T14S R20E, Uintah County, Utah

Lease: UTU-019837; Record Title Owner – Chicago Energy Associates, LLC

Designated Operator: Miller, Dyer & Co. LLC (Designation on file with DOGM & SITLA)

Pursuant to Rule R649-3-3, Miller, Dyer & Co. LLC is making application and seeking DOGM's administrative authority to grant an exception to the locating and siting requirements for this well.

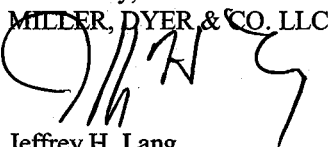
The Flat Rock #7-30-14-20 well is approximately 231' North and 42' East of the 200' drilling tolerance from the center of the 40-acre drilling unit designated as the SWNE of Section 30. The present location of this well as surveyed and staked allows optimal access to the Entrada Formation as observed by our seismic survey.

Chicago Energy Associates, LLC is the owner within a 460-foot radius of the proposed well location and is the owner of the directly and diagonally offsetting drilling units being crowded by the proposed well location.

Miller-Dyer and Chicago Energy Associates, LLC respectfully requests an administrative approval by the division of an exception location for the well referenced above.

Yours truly,

MILLER, DYER & CO. LLC


Jeffrey H. Lang
Vice President of Operations

RECEIVED

OCT 15 2007

DIV. OF OIL, GAS & MINING

From: Brad Hill
To: Mason, Diana
Date: 10/15/2007 10:47 AM
Subject: Fwd: RE: Lease owners consent

Put a copy of the e-mail in the file and call it good enough.

>>> Diana Mason 10/15/2007 10:45 AM >>>
Is this ok?

>>> "Jeff Lang" <jeff@millerdyer.com> 10/15/2007 10:42 AM >>>
Diana,

Essentially, we are Chicago Energy Associates. We are the designated manager of their properties.

Let me know if you need more.

Thanks,

Jeff

-----Original Message-----

From: Diana Mason [<mailto:dianawhitney@utah.gov>]
Sent: Monday, October 15, 2007 10:36 AM
To: Jeff Lang
Subject: Lease owners consent

Jeff,

I received your exception location letters and it say's that Chicago Energy Associates, LLC is the owner within a 460' radius. Do you have their consent?

Diana



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

October 15, 2007

Miller, Dyer & Co. LLC
475 17th St., Suite 1200
Denver, CO 80202

Re: Ute Tribal 7-30-14-20 Well, 1549' FNL, 1738' FEL, SW NE, Sec. 30, T. 14 South,
R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39667.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office



Operator: Miller, Dyer & Co. LLC
Well Name & Number Ute Tribal 7-30-14-20
API Number: 43-047-39667
Lease: U-019837

Location: SW NE **Sec.** 30 **T.** 14 South **R.** 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2008

FROM: (Old Operator):
 N2580-Miller, Dyer & Co, LLC
 475 17th St, Suite 1200
 Denver, CO 80202

Phone: 1 (303) 292-0949

TO: (New Operator):
 N2680-Whiting Oil & Gas Company
 1700 Broadway, Suite 2300
 Denver, CO 80290

Phone: 1 (303) 837-1661

CA No.				Unit:				
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/5/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/5/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/16/2008
- a. Is the new operator registered in the State of Utah: Business Number: 5890476-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: REQUESTED 7/16/2008
- b. Inspections of LA PA state/fee well sites complete on: done
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/16/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/16/2008
- Bond information entered in RBDMS on: 7/16/2008
- Fee/State wells attached to bond in RBDMS on: 7/16/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/16/2008

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000148
- Indian well(s) covered by Bond Number: RLB0011681
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
Whiting Oil And Gas Company *N2680*

3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290 PHONE NUMBER: (303) 837-1661

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

See Attached List

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

See Attached List

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is ~~#RLB0011670~~ or Utah BLM Bond #UTB-000148. See attached well list.

RLB0004585

BIA RLB0011681

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Miller, Dyer & Co., LLC
475 17th Street, Suite 1200
Denver, CO 80202

N2580

Miller, Dyer & Co., LLC

RECEIVED

JUN 05 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) *JEFFREY H. LANG*

TITLE *UP OPERATIONS*

SIGNATURE *JHL*

DATE *6/3/08*

Whiting Oil and Gas Corporation

NAME (PLEASE PRINT) *Rick Ross*

TITLE *UP OPERATIONS*

SIGNATURE *R Ross*

DATE *6/3/08*

(This space for State use only)

APPROVED *7/16/2008*

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

well_name	sec	tpw	rng	api	entity	lease	well	stat 2	flag
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	GW	S	
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P	
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	GW	S	
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P	
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P	
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	OW	P	
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	OW	P	
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	GW	P	
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	GW	S	
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	GW	P	
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	GW	P	
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	GW	S	
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	GW	P	
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	GW	P	
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	GW	P	
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	GW	P	
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	GW	S	
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	GW	P	
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	GW	P	
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P	
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	GW	S	
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	GW	P	
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	GW	P	
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	GW	S	
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	GW	P	
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P	
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P	
UTE TRIBAL 10-2-15-20	02	150S	200E	4304735625	14167	State	GW	P	
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	GW	P	
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	GW	P	
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	GW	P	
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	GW	P	C
UTE TRIBAL 1-25-14-19	30	140S	200E	4304739053		Indian	GW	APD	
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665		Federal	GW	APD	
UTE TRIBAL 9-30-14-20	30	140S	200E	4304739666		Federal	GW	APD	
UTE TRIBAL 7-30-14-20	30	140S	200E	4304739667		Federal	GW	APD	
UTE TRIBAL 7-29-14-20	29	140S	200E	4304739668		Federal	GW	APD	
UTE TRIBAL 9-29-14-20	29	140S	200E	4304739669		Federal	GW	APD	
UTE TRIBAL 12-28-14-20	28	140S	200E	4304739736		Federal	GW	APD	
UTE TRIBAL 1-29-14-20	29	140S	200E	4304739737		Federal	GW	APD	
UTE TRIBAL 15-29-14-20	29	140S	200E	4304739738		Federal	GW	APD	
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739		Federal	GW	APD	
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740		Federal	GW	APD	
UTE TRIBAL 3-32-14-20	32	140S	200E	4304739741		State	GW	APD	
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942		Federal	GW	APD	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	UTE TRIBAL 7-30-14-20
API number:	4304739667
Location:	Qtr-Qtr: SWNE Section: 30 Township: 14S Range: 20E
Company that filed original application:	MILLER, DYER & CO., LLC
Date original permit was issued:	10/15/2007
Company that permit was issued to:	MILLER, DYER & CO., LLC

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>RLB0011676</u>	<input checked="" type="checkbox"/>	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Rick Ross Title VP OPERATIONS
Signature [Signature] Date 6/1/08
Representing (company name) WHITING OIL AND GAS CORPORATION

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

RECEIVED
JUN 02 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-019837
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Whiting Oil & Gas Corporation		8. WELL NAME and NUMBER: Ute Tribal 7-30-14-20
3. ADDRESS OF OPERATOR: 1700 Broadway, Ste. 2300 CITY Denver STATE CO ZIP 80290		9. API NUMBER: 4304739667
PHONE NUMBER: (303) 837-1661		10. FIELD AND POOL, OR WILDCAT: Flat Rock
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,549' FNL & 1,738' FEL COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 30 14S 20E S STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Request for Permit Extension
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Whiting Oil & Gas Company (Whiting) has acquired this well from Miller Dyer & Co. LLC. (Miller Dyer). Miller Dyer applied for the Application for Permit to Drill (APD) on this well and Whiting is requesting an extension on the APD.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 11-03-08
By: [Signature]

NAME (PLEASE PRINT) Terri L. Hartle	TITLE Office Administrator
SIGNATURE <u>[Signature]</u>	DATE 10/31/2008

(This space for State use only)

COPY SENT TO OPERATOR

Date: 11.6.2008

Initials: KS

(See Instructions on Reverse Side)

RECEIVED
NOV 03 2008
DIV. OF OIL, GAS & MINING



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-39667
Well Name: Ute Tribal 7-30-14-20
Location: Sec. 30 14S 20E
Company Permit Issued to: Miller, Dyer & Co. LLC
Date Original Permit Issued: 10/31/2007
15

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒


Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

10/31/2007
Date

Title: Office Administrator

Representing: Whiting Oil & Gas Corporation

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-19837
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300		8. WELL NAME and NUMBER: UTE TRIBAL 7-30-14-20
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1549 FNL 1738 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 30 Township: 14.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047396670000
PHONE NUMBER: 303 390-4095 Ext		9. FIELD and POOL or WILDCAT: FLAT ROCK
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/29/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Whiting Oil & Gas Corporation is requesting an extension on this APD due to the timing of BIA/tribal scheduling and approval.		
Approved by the Utah Division of Oil, Gas and Mining Date: <u>October 29, 2009</u> By:		
NAME (PLEASE PRINT) Terri Hartle		PHONE NUMBER 435 896-5501
SIGNATURE N/A		TITLE Admin/Regulatory (Western Land Services)
DATE 10/29/2009		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047396670000

API: 43047396670000

Well Name: UTE TRIBAL 7-30-14-20

Location: 1549 FNL 1738 FEL QTR SWNE SEC 30 TWP 140S RNG 200E MER S

Company Permit Issued to: WHITING OIL & GAS CORPORATION

Date Original Permit Issued: 10/15/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Terri Hartle

Date: 10/29/2009

Title: Admin/Regulatory (Western Land Services)

Representing: WHITING OIL & GAS CORPORATION

By:

October 29, 2009

RECEIVED October 29, 2009



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 28, 2010

Whiting Oil & Gas Corporation
1700 Broadway, Ste. 2300
Denver, CO 80290

Re: APD Rescinded – Ute Tribal 7-30-14-20, Sec. 30 T. 14S, R. 20E
Uintah County, Utah API No. 43-047-39667

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on October 15, 2007. On November 3, 2008 and October 29, 2009 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 28, 2010.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal



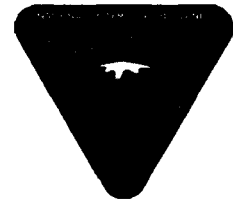


United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078

<http://www.blm.gov/ut/st/en/fo/vernal.html>



MAR 16 2015

IN REPLY REFER TO:
3160 (UTG011)

Scott Webb
Whiting Petroleum Corporation
1700 Broadway, Suite 2300
Denver, CO 80290

RECEIVED

APR 02 2015

Dear Mr. Webb:

DIV. OF OIL, GAS & MINING

The following Applications for Permit to Drill (APD) are being returned unapproved per your request to this office in an email message to Supervisory Land Law Examiner Jeanne Newman received on March 11, 2015. If you intend to drill at any of these locations at a future date, a new APD must be submitted.

43-097

Lease	Well	Aliquot	Sec., T., R.	Date Rec'd
UTU-019837	Ute Tribal 7-30-14-20 39667	SWNE	Sec. 30, T14S-R20E	10/1/2007
UTU-019837	Ute Tribal 9-30-14-20 39666	NESE	Sec. 30-T14S-R20E	9/28/2007
UTU-10166	Ute Tribal 1-29-14-20 39737	NENE	Sec. 29-T14S-R20E	10/29/2007
UTU-10166	Ute Tribal 7-29-14-20 39668	SWNE	Sec. 29-T14S-R20E	9/28/2007
UTU-10166	Ute Tribal 9-29-14-20 39669	NESE	Sec. 29-T14S-R20E	9/28/2007
UTU-10166	Ute Tribal 15-29-14-20 39738	SWSE	Sec. 29-T14S-R20E	10/29/2007

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Resource Minerals

Enclosures

cc: UDOGM
bcc: Well File